

CBP Monoclonal Antibody (NM11), Biotin

Catalog NumberMA5-13631

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human, Mink, Mouse, Non-human primate, Rat
Host/Isotope	Mouse / IgG2b, kappa	Published species	Human
Class	Monoclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	Dilution *1:50-1:100
Clone	NM11	Published Applications	
Immunogen	E1A affinity purified p300 protein	Immunocytochemistry (ICC/IF)	See 1 publications below
Conjugate	Biotin	Western Blot (WB)	See 1 publications below
Form	Liquid	Immunohistochemistry (IHC)	See 1 publications below
Concentration	0.2 mg/mL	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Purification	Protein A		
Storage buffer	PBS, pH 7.4, with 0.2% BSA		
Contains	0.09% sodium azide		
Storage Conditions	4° C		

Product specific information

MA5-13631 targets p300/CBP (CREB-Binding Protein) in IF and IHC (P) applications and shows reactivity with Human, Mink, mouse, Non-human primate, and Rat samples. The MA5-13631 immunogen is e1A affinity purified p300 protein.

Background/Target Information

CBP for CREB-binding protein is a 265 kDa nuclear protein which probably has many of the properties expected of a CREB co-activator. It shows substantial sequence homology with p300.

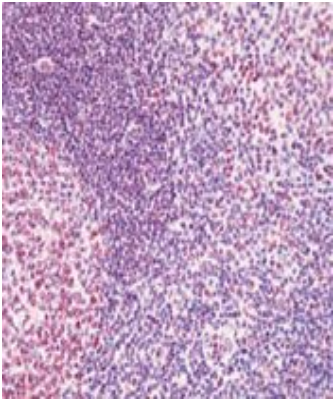
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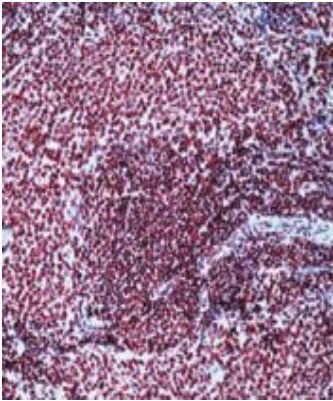
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Product Images For CBP Monoclonal Antibody (NM11), Biotin



CBP Antibody (MA5-13631) in IHC (P)
Formalin-fixed, paraffin-embedded human tonsil stained with p300 antibody using peroxidase-conjugate and AEC chromogen. Note nuclear staining of proliferating cells.



CBP Antibody (MA5-13631) in IHC (P)
Formalin-fixed, paraffin-embedded rat spleen stained with p300 antibody using peroxidase-conjugate and AEC chromogen. Note nuclear staining of proliferating cells.

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PubMed References For CBP Monoclonal Antibody (NM11), Biotin

1 Immunocytochemistry References

Species / Dilution	Summary
	MA5-13631 was used in immunocytochemistry to evaluate a virus-derived method for the study of protein associations inside cells
Human / Not Cited	Molecular & cellular proteomics : MCP (2007; 6: 1027) "Virus-derived platforms for visualizing protein associations inside cells." Author(s):Miller CL,Arnold MM,Broering TJ,Eichwald C,Kim J,Dinosa JB,Nibert ML PubMed Article URL: http://dx.doi.org/10.1074/mcp.M700056-MCP200

1 Western Blot References

Species / Dilution	Summary
	MA5-13631 was used in western blot to investigate the influence of KLF2 on endothelial inflammation
Human / Not Cited	The Journal of experimental medicine (2004; 199: 1305) "KLF2 Is a novel transcriptional regulator of endothelial proinflammatory activation." Author(s):SenBanerjee S,Lin Z,Atkins GB,Greif DM,Rao RM,Kumar A,Feinberg MW,Chen Z,Simon DI,Luscinskas FW,Michel TM,Gimbrone MA,García-Cardena G,Jain MK PubMed Article URL: http://dx.doi.org/10.1084/jem.20031132

1 Immunohistochemistry References

Species / Dilution	Summary
	MA5-13631 was used in immunohistochemistry to study the expression of estrogen receptors and their transcriptional co-factors in normal and malignant breast tissue
Human / 1:50	Breast cancer research and treatment (2003; 78: 193) "Expression of sex steroid receptors and their co-factors in normal and malignant breast tissue: AIB1 is a carcinoma-specific co-activator." Author(s):Hudelst G,Czerwenka K,Kubista E,Marton E,Pischinger K,Singer CF PubMed Article URL: http://dx.doi.org/10.1023/a:1022930710850

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